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# Information filtering device for electronic commercial transaction system, filters information based on content of filtering according to user input profile stored in database

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Patent Details:

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Abstract (Basic): JP 2000123016 A

NOVELTY - The filtering of information is performed based on content of filtering according to user input profile stored in database (1-5). The social filtering of information is performed based on information on user category units (1-4).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for information filtering method.

USE - For filtering information in electronic commercial transaction system, electronic library system.

ADVANTAGE - Ensures exact filtering by few steps of calculation, since filtering is performed according to content of filtering.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of information filtering device.

User category units (1-4)

Database (1-5)

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## PATENT ABSTRACTS OF JAPAN

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**(57) Abstract:**

**PROBLEM TO BE SOLVED:** To reduce the quantity of evaluation values of a user to be handled by an information filtering device, and to efficiently perform filtering by generating a user community corresponding to a user profile through the information filtering device and performs social filtering inside the user community.

**SOLUTION:** An interface managing part 1-1 accepts the input of the user and sends information inputted by the user to a social filtering managing part 1-3, a user category part 1-4 and a user taste data base part 1-5. Besides, the interface managing part 1-1 display the filtering result to the user. A filtering managing part 1-2 based on contents performs filtering based on contents based on the attribute values of the user profile. The social filtering managing part 1-3 performs social filtering based on the information of the user category part 1-4.

